| Index of Claims |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  |

Application/Control No.

09/944,985

Thien F. Tran

Examiner

Applicant(s)/Patent under Reexamination
BHATTACHARYYA, ARUP

Art Unit

2811

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected
I Interference

A Appeal
O Objected

| Cla   | im       | Date        |          |   |  |        |  |  |                  |        |
|-------|----------|-------------|----------|---|--|--------|--|--|------------------|--------|
| Final | Original | < < 5/15/0S |          | , |  |        |  |  |                  |        |
|       | 1        | 1           |          |   |  |        |  |  |                  |        |
|       | 2        | 1           | -        |   |  |        |  |  | _                | $\neg$ |
|       | 3        |             | _        |   |  | $\neg$ |  |  |                  | $\Box$ |
|       | 4        | N           |          |   |  |        |  |  | _                | $\neg$ |
|       | 5        | Ν           |          |   |  |        |  |  |                  | $\neg$ |
|       | 6        | N           |          |   |  |        |  |  |                  | $\neg$ |
|       | Ž        |             | $\vdash$ |   |  |        |  |  |                  |        |
|       | 8        | N           |          |   |  |        |  |  |                  |        |
|       | 9        | N           |          |   |  |        |  |  |                  |        |
|       | 10       | N           |          |   |  |        |  |  |                  |        |
|       | 11       | Ν           |          |   |  |        |  |  |                  |        |
|       | 12       | Ν           |          |   |  |        |  |  |                  |        |
|       | 12<br>13 | Ν           |          |   |  |        |  |  |                  |        |
|       | 14       | 1           |          |   |  |        |  |  |                  |        |
|       | 15       | Ν           |          |   |  |        |  |  |                  |        |
|       | 16       | Ν           |          |   |  |        |  |  |                  |        |
|       | 17       | N           | Г        |   |  |        |  |  |                  |        |
|       | 18       | 1           |          |   |  |        |  |  |                  |        |
|       | 19       | 1           |          |   |  |        |  |  |                  |        |
| ·     | 20       | N           |          |   |  |        |  |  |                  |        |
|       | 21       | N<br>N      |          |   |  |        |  |  |                  |        |
|       | 22       | N           |          |   |  |        |  |  |                  |        |
|       | 23       | Ν           |          |   |  |        |  |  |                  |        |
|       | 23<br>24 | N           |          |   |  |        |  |  |                  |        |
|       | 25       | N           |          |   |  |        |  |  |                  |        |
|       | 26       | Ń           |          |   |  |        |  |  |                  |        |
|       | 27       | N           |          |   |  |        |  |  |                  |        |
|       | 28       | N           |          |   |  |        |  |  |                  |        |
|       | 29       | N           |          |   |  |        |  |  |                  |        |
|       | 30       | N           |          |   |  |        |  |  |                  |        |
|       | 31       | N           |          |   |  |        |  |  |                  |        |
|       | 32       | N           |          |   |  |        |  |  |                  |        |
|       | 33       | N           |          |   |  |        |  |  |                  |        |
|       | 34       | N           |          |   |  |        |  |  |                  |        |
|       | 35       | Ν           |          |   |  |        |  |  |                  |        |
|       | 36       | N           |          |   |  |        |  |  |                  |        |
|       | 37       | N           |          |   |  |        |  |  |                  |        |
|       | 38       | N           |          |   |  |        |  |  |                  |        |
|       | 39       | N           |          |   |  |        |  |  |                  |        |
|       | 40       | N           |          |   |  |        |  |  |                  |        |
|       | 41       | N           |          |   |  |        |  |  |                  |        |
|       | 42       | N           | <u>_</u> |   |  |        |  |  |                  |        |
|       | 43       | N           |          |   |  |        |  |  |                  |        |
|       | 44       | N           |          |   |  |        |  |  |                  |        |
|       | 45       | N           | L        |   |  |        |  |  | $ldsymbol{oxed}$ | Ш      |
|       | 46       | N           | <u>L</u> |   |  |        |  |  | 匚                |        |
|       | 47       | N           |          |   |  | Ĺ      |  |  |                  | Ш      |
|       | 48       | N           | 匚        |   |  |        |  |  |                  |        |
|       | 49       | N           |          |   |  |        |  |  |                  |        |
|       | 50       | N           |          |   |  |        |  |  |                  |        |

| Claim    |   | Date           |          |  |          |  |                 |  |  |           |
|----------|---|----------------|----------|--|----------|--|-----------------|--|--|-----------|
|          | -   | ما             |          |  |          |  |                 |  |  |           |
| Final    | Original  | 115/05         |          |  |          |  |                 |  |  |           |
| iĒ       | Ę   | ß              | Ì        |  |          |  |                 |  |  |           |
| L        |   | 1/8            |          |  |          |  |                 |  |  |           |
|          | 51  | N              |          |  |          |  |                 |  |  |           |
|          | 52  | N              |          |  |          |  |                 |  |  |           |
|          | 53  | N              |          |  |          |  |                 |  |  |           |
|          | 53<br>54<br>55  | N              |          |  |          |  |                 |  |  |           |
|          | 55  | N √            |          | ·  |          |  |                 |  |  |           |
| L        | 56<br>57  | 1              |          |  |          | L  |                 |  |  |           |
|          | 57  | 1              |          |  |          | L  | L               |  |  |           |
|          | 58  | N              |          | $ldsymbol{ld}}}}}}$ |          | L  | L.              |  |  |           |
|          | 59  | 1              |          |  |          |  |                 |  |  |           |
|          | 60  | N              | <u> </u> |  | _        | $ldsymbol{ld}}}}}}$ | $ldsymbol{eta}$ |  |  | Ш         |
|          | 61  | N              | <u> </u> |  |          |  |                 |  |  |           |
|          | ے چھر   |                | _        |  |          |  |                 |  |  |           |
|          | 63  | 1              |          | L_   |          |  |                 |  |  | Щ         |
|          | 64<br>65  | N              | oxdot    | Щ  | <u> </u> | <u> </u>   |                 | <u> </u>                                     | L  | Ш         |
| L        | 65  | N              | Щ.       |  | L        | <u> </u>   |                 | <u> </u>                                     | L.   | Ш         |
|          | 66  | N              | <u>L</u> |  |          |  | Ц.              |  | L  | Ш         |
|          | 67  | N              |          |  |          |  |                 |  | L.   | Ш         |
|          | 68  | N              |          |  |          |  | <u> </u>        | <u>.                                    </u> | L  | Щ         |
|          | 69<br>70  | N<br>N<br>N    | L.       |  |          |  | L               |  | <u></u>  |           |
|          | 70  | N              | L.       |  |          |  | L               |  | _  | Щ         |
|          | 71  | N              |          |  |          | L  |                 |  |  |           |
|          | 72  | N              |          | L  |          | L  |                 |  |  | Ш         |
|          | 72<br>73<br>74  | 1              | L        | L  |          |  | _               |  |  |           |
|          | 74  | 1              | L_       |  |          | _  |                 |  | L.   |           |
|          | 75<br>76  | N              |          |  | _        |  |                 |  | _  |           |
|          | 76  |                | L        |  | Ь        | <u> </u>   | L               | ļ  | ļ  | <u></u> , |
|          | 77<br>78  | N              |          |  | _        | Ь.   | <u> </u>        | <u> </u>                                     | <u> </u>   |           |
|          | 78  | Ń              |          |  | <u> </u> | <u> </u>   | <u> </u>        | <u> </u>                                     | <u> </u>   |           |
|          | 75  | ļ.,            |          | _  | L        | L.   | _               |  | <u> </u>   | Ш         |
|          | 80  | 1              |          | L.   | L.,      |  | <u> </u>        | _  | _  |           |
| -        | 81  | N              | _        | _  |          | ļ  | <u> </u>        | _  | <u> </u>   |           |
|          | 82  | N              | _        |  | <u> </u> | _  | L               | _  |  |           |
|          | 83  | N              | _        |  |          |  | <u> </u>        | ļ  |  |           |
|          | 84  | <b>√</b>       | $\vdash$ | <u> </u>   | <u> </u> | <u> </u>   | <u> </u>        | <u> </u>                                     | ├—   |           |
| <u> </u> | 1 85  | <b>⊢</b>       | ├        | <u> </u>   | <u> </u> | <u> </u>   | ـــــ           | ├_   | ⊢  | Щ         |
|          | 86<br>86<br>87<br>88<br>89<br>90                          | <u> </u>       | ├-       | $\vdash$   | <u> </u> | <u> </u>   | <u> </u>        | <u> </u>                                     | $\vdash$   | Н         |
|          | 14/   | <u> </u>       | $\vdash$ | $\vdash$   | <u> </u> | <b>—</b>   | <u> </u>        | <u> </u>                                     | ├  | $\vdash$  |
| ├        | 1 48  | <del> </del> - | <b>├</b> | <del> </del>   | <u> </u> | <u> </u>   | <u> </u>        | <u> </u>                                     | ├  | $\vdash$  |
|          | 39  | <u> </u>       | ⊢        | ⊢  | <u> </u> | H  | <u> </u>        | ⊢  | <del> </del>                                     |           |
| -        |   | ├-             | ├        | <u> </u>   | <u> </u> | ⊢  | -               | ⊢  | -  | Н         |
|          | 41  | ▙              | ┝        | <u> </u>   |          | -  | -               | -  | $\vdash$   | $\vdash$  |
|          | 1 4/2   | $\vdash$       | $\vdash$ | $\vdash$   | -        | $\vdash$   | H               | -  | ├  | $\vdash$  |
| _        | 133   |                | $\vdash$ | -  | $\vdash$ | $\vdash$   | ├               | $\vdash$                                     | -  | $\vdash$  |
| -        | 94  | $\vdash$       | -        |  | ├        | <del> </del> —   | $\vdash$        | $\vdash$                                     | $\vdash$   | $\vdash$  |
| -        | 32  | $\vdash$       | ⊢        | $\vdash$   | ├        | $\vdash$   | ├-              | $\vdash$                                     | ⊢  |           |
| -        | 91<br>92<br>93<br>94<br>95<br>96<br>97<br>98<br>99<br>100 | ⊢              | -        | -  | $\vdash$ | $\vdash$   | ⊢               | ⊢  | $\vdash$   | $\vdash$  |
| -        | 3/  | -              | ⊢        | $\vdash$   | -        | -  | ├-              | $\vdash$                                     | -  | H         |
| -        | <del>  #</del>  | -              | ├        | ├—   | -        | $\vdash$   | ⊢               | $\vdash$                                     | ├-   | H         |
|          | 1460  | <del> </del> — | <b>├</b> | ⊢-   | $\vdash$ | -  | $\vdash$        | $\vdash$                                     | <del>                                     </del> | -         |
| Щ_       | ιψυ   | <u> </u>       |          | <u> </u>   | L        | <u> </u>   | L               |  |  |           |

| Claim    |   | Date     |                                     |                                     |            |          |          |               |            |                |
|----------|---|----------|-------------------------------------|-------------------------------------|------------|----------|----------|---------------|------------|----------------|
|          |   | 1        |                                     | -                                   | T          |          |          |               |            | П              |
| <u>=</u> | Original  | 5/15/05  |                                     |                                     |            |          |          |               |            |                |
| Final    | rigi  | S        |                                     |                                     |            |          |          |               |            |                |
| _        | ō   | 2        |                                     |                                     |            |          |          |               |            |                |
|          |   | ' '      | -                                   | Н                                   |            | Н        | $\vdash$ | $\vdash$      | $\vdash$   | $\dashv$       |
|          | 102   | $\vdash$ |                                     | Н                                   | -          | $\vdash$ | H        | H             | -          | Н              |
|          | 102   | $\vdash$ | _                                   |                                     |            | -        |          | _             |            | $\dashv$       |
|          | 100   | H        |                                     | -                                   | _          | _        | H        |               | -          | $\dot{\dashv}$ |
|          | 105   | $\vdash$ |                                     |                                     |            | <u> </u> | _        |               | -          | $\dashv$       |
|          | 106   | $\vdash$ | _                                   | -                                   |            | $\vdash$ |          | _             |            | $\dashv$       |
|          | 107   | -        |                                     | -                                   | _          | _        | -        | -             |            | Н              |
|          | 107   |          | _                                   | $\vdash$                            | _          |          |          |               |            | Н              |
|          | 100   | <u> </u> | _                                   | H                                   | _          |          |          | $\vdash$      | _          | Н              |
|          | 110   | $\vdash$ |                                     | H                                   | _          | _        | _        | $\vdash$      | _          | $\vdash$       |
|          | 141   | -        |                                     | -                                   |            |          |          |               | _          | $\vdash$       |
|          | 142   | -        |                                     | $\vdash$                            |            | <u> </u> | $\vdash$ | $\vdash$      | $\vdash$   | Н              |
|          | 112   | -        |                                     | -                                   |            |          | -        | -             | _          | Н              |
|          | 110   | $\vdash$ | -                                   | H                                   | -          | $\vdash$ | $\vdash$ | $\vdash$      |            | Н              |
|          | 146   | $\vdash$ | <u> </u>                            | H                                   |            | $\vdash$ | $\vdash$ | <b>-</b>      |            | Н              |
| -        | 101<br>102<br>103<br>104<br>105<br>106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115 | $\vdash$ | $\vdash$                            | H                                   |            | $\vdash$ | $\vdash$ | $\vdash$      | -          | Н              |
|          | 110   | NI.      | $\vdash$                            | H                                   |            | $\vdash$ | $\vdash$ |               | $\vdash$   | Н              |
|          | 117   | N        | -                                   | -                                   |            |          |          | -             |            |                |
|          | 118<br>119  | N<br>N   | $\vdash$                            | $\vdash$                            | <u> </u>   | $\vdash$ | $\vdash$ | $\vdash$      | $\vdash$   | Н              |
|          | 100   | N        | $\vdash$                            | $\vdash$                            | <u> </u>   | $\vdash$ | $\vdash$ | $\vdash$      | $\vdash$   | $\vdash$       |
|          | 120   | N        | $\vdash$                            | $\vdash$                            | <u> </u>   | $\vdash$ | <u> </u> | -             | $\vdash$   | Н              |
|          | 121<br>122<br>123<br>124<br>125   | N        | $\vdash$                            | $\vdash$                            | <u> </u>   | $\vdash$ | <u> </u> | <del> </del>  | $\vdash$   | Н              |
|          | 122   | N        |                                     |                                     | _          | -        |          | _             | $\vdash$   | Н              |
|          | 123   | N        | -                                   |                                     |            | -        |          |               |            | Н              |
|          | 124   | N<br>=   | -                                   |                                     | <u> </u>   |          |          |               |            | $\dashv$       |
|          | 125   | =        |                                     |                                     | _          |          |          |               |            | Н              |
|          | 126   | =        |                                     |                                     | <u> </u>   | _        | _        |               |            | Н              |
|          | 126<br>127<br>128   | =        | _                                   |                                     |            | _        | _        |               |            | Н              |
|          | 128   | Z<br>Z   | _                                   | $\vdash$                            | _          | <u> </u> |          | _             | _          | Н              |
|          | 129<br>130<br>131<br>132<br>133   | N        | <u> </u>                            | $\vdash$                            | <u> </u>   | $\vdash$ | <u> </u> | Щ             | -          | Щ              |
|          | 130   | N        |                                     | $\vdash$                            | <u> </u>   | L        | _        | <b> </b>      | <u> </u>   | Щ              |
|          | 131   | N        |                                     | <u> </u>                            | <u> </u>   | <u> </u> | <u> </u> | L.,           | <u> </u>   | Щ              |
|          | 132   | =        | L_                                  | L                                   |            | <u> </u> | <u> </u> |               | <u> </u>   | Щ              |
|          | 133   | N        | L.,                                 | <u> </u>                            | <u> </u>   | ⊢        | <u> </u> |               | <u> </u>   | Щ              |
|          | 134<br>135  | N        | Ь.                                  | <u> </u>                            | <u>L</u> . | <u> </u> | <u> </u> | L             | <u>L</u> . | Щ              |
| ļ        | 135   | _        | L                                   | _                                   | <u> </u>   | <u> </u> | <u> </u> |               | L.         | Щ              |
| ļ        | 136   | <u> </u> | L                                   | <u> </u>                            |            | <u> </u> | $\vdash$ | L             |            | Щ              |
| <u></u>  | 137<br>138  | <u> </u> |                                     | <u> </u>                            | L          | <u> </u> | <u> </u> |               | L          | Щ              |
|          | 138   | _        |                                     | L.                                  | L          | <u> </u> | <u> </u> | Ш             | Ь.         | Щ              |
|          | 139   | Щ.       | <u> </u>                            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _          | <u> </u> | <u> </u> | $\sqsubseteq$ | <u> </u>   | Щ              |
| L        | 140   | <u> </u> |                                     | <u> </u>                            |            | <u> </u> | <u> </u> |               | L.         | Ш              |
|          | 141   | _        |                                     | L                                   | L.         | <u> </u> | $\vdash$ | <u> </u>      | <u> </u>   | Ш              |
|          | 142   | <u> </u> | _                                   | <u> </u>                            |            | <u> </u> | <u> </u> | <u> </u>      | <u> </u>   |                |
|          | 143   | <u> </u> | <u> </u>                            |                                     | <u> </u>   | L        | L_       | L             | <u> </u>   | Щ              |
|          | 144   |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>                            |            |          | <u> </u> | L_            |            | Ш              |
|          | 145   |          |                                     | L                                   |            | _        |          |               | <u> </u>   | Ш              |
|          | 146   | <u> </u> |                                     |                                     |            | <u> </u> | L.       | <u>_</u>      | L.         | Ш              |
|          | 147   | oxdot    | _                                   | <u></u>                             |            | <u> </u> | L        |               |            | Ш              |
|          | 148   |          | _                                   |                                     |            | <u> </u> |          |               |            | Ш              |
|          | 149   |          | $\Box$                              | 匚                                   |            |          |          |               |            | $\square$      |
|          | 150   |          | 匸                                   |                                     | Ĺ          |          |          | 1             |            | $\square$      |